

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) In a messaging system a method for monitoring status of a server with a remote monitor client, comprising:

publishing a list of available servers to said remote monitor client;

receiving servers selected from said list of available servers from said remote monitor client;

dynamically generating information about said selected servers with a web server;

providing said dynamically generated information from said web server to said remote monitor client;

providing said dynamically generated information from said remote monitoring client to a protocol gateway.

2. (previously presented) The method according to claim 1, further comprising:

retrieving said list of available servers from a database with said web server.

3. (previously presented) The method according to claim 2, wherein:

said database is a message router database.

4. (previously presented) The method according to claim 1, wherein the dynamically generating step comprises:

examining a cache of said web server for said information; and
retrieving said information from said selected server and storing said information in said cache if said information is not present in said cache.

5. (previously presented) The method according to claim 1, further comprising:

receiving a request for selected information from said selected servers.

6. (previously presented) The method according to claim 5, wherein:

said dynamically generated information is said selected information.

7. (previously presented) The method according to claim 1, further comprising:

determining an access level of said remote monitor client to receive information; and

providing only information corresponding to said access level to said remote monitor client.

8. (previously presented) The method according to claim 7, wherein the determining step comprises:

issuing said remote monitor client a digital certificate;

associating said digital certificate with said access level; and

examining said digital certificate.

9. (previously presented) The method according to claim 1,
wherein:

said dynamically generated information is provided as an XML
page.

10. (previously presented) The method according to claim 1,
wherein:

said list of available servers is provided as an XML page.

11. (previously presented) The method according to claim 1,
wherein:

said dynamically generated information includes at least one of
logging and status information.

12. (previously presented) The method according to claim 1,
wherein:

said web server and said remote monitor client communicate over a
network utilizing HTTP-S.

13. (previously presented) The method according to claim 7,
wherein:

said list of available servers only includes servers a particular
remote monitor client is authorized to view.

14. (previously presented) The method according to claim 1,
wherein:

said servers and said web server communicate utilizing HTTP.

15. (previously presented) The method according to claim 14, wherein:

said dynamically generating step comprises issuing a get command from said web server to said servers to obtain said information.

16. (previously presented) The method according to claim 15, further comprising:

providing an XML page including said information to said web server from said servers in response to said get command.

17. (previously presented) The method according to claim 16, further comprising:

generating an XML page containing said selected information at said server.

18. (previously presented) The method according to claim 1, wherein:

said servers include at least one of a protocol gateway, a message router and a back-end server.

19. (previously presented) The method according to claim 5, wherein:

said receiving step comprises receiving from said remote monitor client a get command for said information at said web server.

20. (previously presented) In a messaging system a method for monitoring status of servers with a remote monitor client, comprising:

receiving a list of available servers at said remote monitor client from a web server;

transmitting a list of selected servers from said remote monitor client to said web server; and

receiving information about said selected servers at said remote monitor client from said web server;

transmitting said information about said selected servers from said remote monitor client to a protocol gateway.

21. (previously presented) The method according to claim 20, further comprising:

displaying said information at said remote monitor client with a browser.

22. (previously presented) The method according to claim 21, further comprising:

displaying information from more than one server simultaneously with said browser.

23. (previously presented) The method according to claim 20, wherein:

said information is received as an XML page.

24. (previously presented) The method according to claim 23, further comprising:

parsing said XML page with a parser to obtain selected information.

25. (previously presented) The method according to claim 20, wherein:

said list of available servers is received as an XML page.

26. (previously presented) The method according to claim 20, wherein:

said information includes at least one of logging and status information.

27. (previously presented) The method according to claim 20, wherein:

said web server and remote monitor client communicate over a network utilizing HTTP-S.

28. (previously presented) The method according to claim 20, wherein:

said list of available servers only includes servers a particular remote monitor client is authorized to view.

29. (previously presented) The method according to claim 20, further comprising:

requesting specific information about said selected servers from said web server.

30. (previously presented) The method according to claim 29, wherein the requesting step comprises:

issuing a get command from said remote monitor client to said web server to obtain said specific information.

31. (previously presented) The method according to claim 30, further comprising:

providing an XML page including said specific information from said web server to said remote monitor client in response to said get command.

32. (previously presented) The method according to claim 20, wherein:

said servers include at least one of a protocol gateway, a message router, and a back-end server.

33. (previously presented) A remote monitoring system, comprising:
a client device;

a server having stored therein a server application adapted to be executed by said server;

a protocol gateway encapsulating a fundamental network protocol, said fundamental network protocol underlies each of one or more wireless network protocols;

at least one message router for routing said message between said protocol gateway and said server; and

means for providing status and logging information for at least one of said server, a protocol gateway, and a message router to a remote monitor client; and

a remote monitor client to provide said status and logging information to said protocol gateway.

34. (previously presented) The system of claim 33, wherein:

said means for providing information comprises at least one web server communicating with said remote monitor client and at least one of said server, said protocol gateway, and said message router.

35. (previously presented) The system of claim 34, wherein:

said web server further comprises means for compiling a list of available servers, protocol gateways, and message routers and providing said list to said remote monitor client.

36. (previously presented) The system of claim 35, further comprising:

means for gathering requested information from at least one of said server, protocol gateway, and message router and providing said requested information to said remote monitor client.

37. (previously presented) The system of claim 33, wherein:

said information is provided to said remote monitor client as an XML page.

38. (previously presented) The system of claim 35, wherein:

said list is provided to said remote monitor client as an XML page.

39. (previously presented) The system of claim 33, wherein:

communication between said web server and said server, said protocol gateway, and said message router is performed using HTTP.

40. (previously presented) The system of claim 33, wherein:

communication between said web server and said remote monitor client is performed using HTTP-S.

41. (previously presented) A communications system storing computer readable program code, comprising the steps of:

- publishing a list of available servers to a remote monitor client;
- receiving selected servers from said remote monitor client;
- dynamically generating information about said selected servers with said web server; and
- providing said dynamically generated information from said web server to said remote monitor clients;
- providing said dynamically generated information from said remote monitoring client to said protocol gateway.

42. (currently amended) The communications system ~~computer useable information storage medium~~ according to claim 41, further comprising computer readable program code means for causing a computer to perform the steps of:

- retrieving said list of available servers from a database with said web server.

43. (currently amended) The communications system ~~computer useable information storage medium~~ according to claim 41, further comprising computer readable program code means for causing a computer to perform the steps of:

- examining a cache of said web server for said information; and
- retrieving said information from said selected server and storing the information in said cache if the information is not present in the cache.

44. (currently amended) The communications system ~~computer useable information storage medium~~ according to claim 41, further comprising computer readable program code means for causing a computer to perform the steps of:

determining an access level of said remote monitor client to receive information; and

providing only information corresponding to said access level to said remote monitor client.